



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02569

Wednesday May 24, 2023

Satellite Communications Services re: Satellite Earth Station Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-AMD-20230425-00672 E E220185 RBC Signals, LLC

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Fixed Satellite Service, Other

RBC Signals, LLC requests amendment to IBFS File No. SES-LIC-20221121-01273 to add new emission designators and frequency, increase EIRP and EIRP density, remove the Sherpa LTE-1, Vigoride-3, RROCI, Able, and Baker satellites, and to provide additional uplink communications in a portion of the 2025-2110 MHz (Earth-to-space) band to support the Vigoride-6, GHOST-1, GHOST-2, and Starfish Otter Pup satellites.

SITE ID: Deadhorse 6m

LOCATION: 1234 Drill Site 12 Drive Drop Point 4, North Slope, Deadhorse, AK

70 ° 12 ' 42.00 " N LAT.

148 ° 24 ' 43.00 " W LONG.

ANTENNA ID: 6.0M 6 meters SeaTel EO 6000 S/X

2045.0000 - 2050.0000 MHz 5M00G1D 58.03 dBW

2045.8500 - 2046.1500 MHz 300KG1D 58.03 dBW

2047.8500 - 2048.1500 MHz 300KG1D 58.03 dBW

2049.8500 - 2050.1500 MHz 300KG1D 58.03 dBW

2052.8500 - 2053.1500 MHz 300KG1D 58.03 dBW

2054.7600 - 2055.2400 MHz 480KF1D 58.03 dBW

2054.8500 - 2055.1500 MHz 300KG1D 58.03 dBW

2055.8500 - 2056.1500 MHz	300KG1D	58.03 dBW
2074.8500 - 2075.1500 MHz	300KG1D	58.03 dBW
2074.9500 - 2075.0500 MHz	100KG1D	58.03 dBW
2036.1350 - 2058.8650 MHz	22M7G1D	58.03 dBW
2074.9840 - 2075.0160 MHz	32K0F1D	58.03 dBW
8199.5000 - 8200.5000 MHz	1M00G1D	58.03 dBW
8154.5450 - 8245.4550 MHz	90M9G1D	58.03 dBW

Points of Communication:

Deadhorse 6m - OTHER -

Deadhorse 6m - Sherpa-AC1 - (NGSO)

Deadhorse 6m - VIGORIDE-5 - (NGSO)

SES-LIC-20221121-01273 E E220185 RBC Signals, LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Other

RBC Signals, LLC requests amendment IBFS File NO. SES-AMD-20230425-00672 to add new emission designators and frequency, increase EIRP and EIRP density, and to add and change points of communications.

SITE ID: Deadhorse 6m

LOCATION: 1234 Drill Site 12 Drive Drop Point 4, North Slope, Deadhorse, AK

70 ° 12 ' 42.00 " N LAT.

148 ° 24 ' 43.00 " W LONG.

ANTENNA ID: 6.0M 6 meters SeaTel EO 6000 S/X

2045.8500 - 2046.1500 MHz	300KG1D	58.03 dBW
2045.0000 - 2050.0000 MHz	5M00G1D	58.03 dBW
2074.8500 - 2075.1500 MHz	300KG1D	58.03 dBW
2055.8500 - 2056.1500 MHz	300KG1D	58.03 dBW
2054.8500 - 2055.1500 MHz	300KG1D	58.03 dBW
2054.7600 - 2055.2400 MHz	480KF1D	58.03 dBW

2052.8500 - 2053.1500 MHz	300KG1D	58.03 dBW
2047.8500 - 2048.1500 MHz	300KG1D	58.03 dBW
2049.8500 - 2050.1500 MHz	300KG1D	58.03 dBW
2074.9840 - 2075.0160 MHz	32K0F1D	58.03 dBW
8154.5450 - 8245.4550 MHz	90M9G1D	0.00 dBW
2036.1350 - 2058.8650 MHz	22M7G1D	58.03 dBW
8199.5000 - 8200.5000 MHz	1M00G1D	0.00 dBW
2074.9500 - 2075.0500 MHz	100KG1D	58.03 dBW

Points of Communication:

Deadhorse 6m - OTHER -

Deadhorse 6m - Sherpa-AC1 - (NGSO)

Deadhorse 6m - VIGORIDE-5 - (NGSO)

SES-MFS-20221103-01175 E E180006 Viasat, Inc.

Modification

Class of Station: Other

Nature of Service: Fixed Satellite Service

Viasat, Inc. requests modification of its ESIM Blanket License to add the ViaSat-3 (S2917/S3050) satellite at the 88.9° W.L. orbital location in the current licensed frequency bands.

SITE ID: M40

LOCATION: ESAAs (.397 METER, 4000 UNITS), CONUS, HI, PR

ANTENNA ID:	M40	0.397 meters	Viasat, Inc.	M-40
	28600.0000 - 29100.0000 MHz	5M00G7D	43.50 dBW	5.0 MBd PSK, Digital Carrier
	28600.0000 - 29100.0000 MHz	20M0G7D	43.50 dBW	20.0 MBd PSK, Digital Carrier
	28600.0000 - 29100.0000 MHz	10M0G7D	43.50 dBW	10.0 MBd PSK, Digital Carrier
	28100.0000 - 28350.0000 MHz	5M00G7D	43.50 dBW	5.0 MBd PSK, Digital Carrier
	28100.0000 - 28350.0000 MHz	10M0G7D	43.50 dBW	10.0 MBd PSK, Digital Carrier

28100.0000 - 28350.0000 MHz	20M0G7D	43.50 dBW	20.0 MBd PSK, Digital Carrier
18800.0000 - 19300.0000 MHz	417MG7D		416.6 MBd M-ary PSK Digital Data
17700.0000 - 18300.0000 MHz	500MG7D		500 MBd M-ary PSK Digital Data
29500.0000 - 30000.0000 MHz	10M0G7D	43.50 dBW	10.0 MBd PSK, Digital Carrier
28350.0000 - 28600.0000 MHz	10M0G7D	43.50 dBW	10.0 MBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	5M00G7D	43.50 dBW	5.0 MBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	20M0G7D	43.50 dBW	20.0 MBd PSK, Digital Carrier
28350.0000 - 28600.0000 MHz	5M00G7D	43.50 dBW	5.0 MBd PSK, Digital Carrier
28350.0000 - 28600.0000 MHz	20M0G7D	43.50 dBW	20.0 MBd PSK, Digital Carrier
18300.0000 - 18800.0000 MHz	417MG7D		417 MBd PSK, Digital Data
19700.0000 - 20200.0000 MHz	417MG7D		417 MBd PSK, Digital Data

SITE ID: GM40
LOCATION: ESAAs (.397 METER, 4000 UNITS), CONUS, HI, PR

ANTENNA ID: GM40 0.397 meters Viasat, Inc. GM-40

28600.0000 - 29100.0000 MHz	80M0G7D	55.50 dBW	80 MBd PSK, Digital Carrier
28600.0000 - 29100.0000 MHz	160MG7D	55.50 dBW	160 MBd PSK, Digital Carrier
28600.0000 - 29100.0000 MHz	320MG7D	55.50 dBW	320 MBd PSK, Digital Carrier
27500.0000 - 28350.0000 MHz	80M0G7D	55.50 dBW	80 MBd PSK, Digital Carrier
27500.0000 - 28350.0000 MHz	160MG7D	55.50 dBW	160 MBd PSK, Digital Carrier
27500.0000 - 28350.0000 MHz	320MG7D	55.50 dBW	320 MBd PSK, Digital Carrier
18800.0000 - 19300.0000 MHz	417MG7D		416.6 MBd M-ary PSK Digital Data
17700.0000 - 18300.0000 MHz	500MG7D		500 MBd M-ary PSK Digital Data
28350.0000 - 28600.0000 MHz	80M0G7D	55.50 dBW	80 MBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	80M0G7D	55.50 dBW	80 MBd PSK, Digital Carrier
28350.0000 - 28600.0000 MHz	160MG7D	55.50 dBW	160 MBd PSK, Digital Carrier
28350.0000 - 28600.0000 MHz	320MG7D	55.50 dBW	320 MBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	160MG7D	55.50 dBW	160 MBd PSK, Digital Carrier

29500.0000 - 30000.0000 MHz	320MG7D	55.50 dBW	320 MBd PSK, Digital Carrier
18300.0000 - 18800.0000 MHz	417MG7D		417 MBd PSK, Digital Data
19700.0000 - 20200.0000 MHz	417MG7D		417 MBd PSK, Digital Data

Points of Communication:

GM40 - VIASAT-2 (S2902) - (69.9 W.L.)

GM40 - ViaSat-3(S2917/3050 - (88.9 W.L.)

M40 - VIASAT-2 (S2902) - (69.9 W.L.)

M40 - ViaSat-3(S2917/3050 - (88.9 W.L.)

SES-MOD-20230206-00114 E E060141 Hearst Properties Inc.

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

Hearst Properties Inc., request Modification of its ku-band transmit/receive (WMUR-TV) SAT TRUCK to replace existing 1.8 m antenna with a 1.2 m antenna, and technical data on this earthstation license.

SITE ID: 1

LOCATION: (WMUR-TV) SAT TRUCK, VARIOUS

ANTENNA ID: 1	1.2 meters	SAT-LITE	1256
14000.0000 - 14500.0000 MHz	3M50D7W	58.72 dBW	Digital Video, Digital, Audio, and Data
14000.0000 - 14500.0000 MHz	36M0G7W	62.70 dBW	Digital Video, Digital, Audio, and Data
11700.0000 - 12200.0000 MHz	3M50D7W		Digital Video, Digital, Audio, and Data
11700.0000 - 12200.0000 MHz	36M0G7W		Digital Video, Digital, Audio, and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20230505-00983 E E202112 SpaceX Services, Inc.

Special Temporary Authority

Class of Station:

SpaceX Services, Inc. requests special temporary authority for 180 days, to operate its gateway earth station to communicate with the Starlink non-geostationary orbit satellite system in the 27.5-29.1 GHz and 29.5-30.0 GHz bands (Earth-to-space); and in the 17.8-18.6 GHz and 18.8-19.3 GHz bands (space-to-Earth).

Points of Communication:

SES-STA-20230505-00986 E E230070 SpaceX Services, Inc.

Special Temporary Authority

Class of Station:

SpaceX Services, Inc. requests special temporary authority for 180 days, to operate 12 technically identical 1.85-meter antennas in Hawthorne, California to simultaneously communicate with up to eight Gen1 satellites and up to thirty-two Gen2 Starlink non-geostationary orbit satellites in the 27.5-29.1 GHz and 29.5-30.0 GHz bands (Earth-to-space); and in the 17.8-18.6 GHz and 18.8-19.3 GHz bands (space-to-Earth).

Points of Communication:

SES-STA-20230505-00991 E E220069 SpaceX Services, Inc.

Special Temporary Authority

Class of Station:

SpaceX Services, Inc. requests special temporary authority for 180 days, to operate eight technically identical 1.85-meter antennas in Savannah, TN to communicate with the Starlink non-geostationary orbit satellite system in the 27.5-29.1 GHz and 29.5-30.0 GHz bands (Earth-to-space); and in the 17.8-18.6 GHz and 18.8-19.3 GHz bands (space-to-Earth).

Points of Communication:

SES-STA-20230509-00987 E E220072 SpaceX Services, Inc.

Special Temporary Authority

Class of Station:

SpaceX Services, Inc. requests special temporary authority for 180 days, to operate 40 technically identical 1.85-meter antennas in York, Pennsylvania to simultaneously communicate with up to eight Gen1 satellites and up to thirty-two Gen2 Starlink non-geostationary orbit satellites in the 27.5-29.1 GHz and 29.5-30.0 GHz bands (Earth-to-space); and in the 17.8-18.6 GHz and 18.8-19.3 GHz bands (space-to-Earth).

Points of Communication:

SES-STA-20230515-01007 E Universal Space Network, Inc.

Special Temporary Authority

Class of Station:

Universal Space Network, Inc. requests 180-day extension of special temporary authority to operate its 13-meter antenna in North Pole, AK to provide telemetry, tracking, and control (TT&C) functions in support of the Launch and Early Operations Phase (LEOP) of the Sentinel-1C satellite licensed by the European Space Agency (ESA).

Points of Communication:

SES-STA-20230515-01009 E Universal Space Network, Inc.

Special Temporary Authority

Class of Station:

Universal Space Network, Inc. requests 180-day extension of special temporary authority to operate a fixed earth station in Naalehu, HI to provide telemetry, tracking and command (TT&C) functions for the commercial space station USUVL spacecraft at the 2037.5 MHz (Earth-to-space), and 2235.0 MHz (space-to-Earth) center frequencies.

Points of Communication:

SES-STA-20230516-01034 E E4132 Intelsat License LLC

Special Temporary Authority

Class of Station:

Intelsat License LLC requests 180-day special temporary authority, commencing July 3, 2023, to use its Fillmore, CA C-band earth station, E4132, to provide LEOP services for the SATRIA satellite.

Points of Communication:

SES-STA-20230516-01035 E E040125 Intelsat License LLC

Special Temporary Authority

Class of Station:

Intelsat License LLC requests 180-day special temporary authority, commencing July 3, 2023, to use its Nuevo, California C-band earth station, E040125, to provide LEOP services for the SATRIA satellite.

Points of Communication:

SES-STA-20230516-01036 E KA275 Intelsat License LLC

Special Temporary Authority

Class of Station:

Intelsat License LLC requests 180-day special temporary authority, commencing July 3, 2023, to use its Hagerstown, MD C-band earth station, KA275, to provide LEOP services for the SATRIA satellite.

Points of Communication:

SES-STA-20230516-01037 E E220059 Intelsat License LLC

Special Temporary Authority

Class of Station:

Intelsat License LLC requests 180-day special temporary authority, commencing July 3, 2023, to use its Andover, ME C-band earth station, E220059, to provide LEOP services for the SATRIA satellite.

Points of Communication:

For more information concerning this Notice, contact the Earth Station Licensing Division at (202) 418-0719.